

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appn. number _____

Appn. filed _____

Applicant Edwin Newman

Appn. Title ELECTRICAL ENERGY FROM LIVE LOADS USING A BOURDON TUBE

Examiner _____

Mailed _____
Toluca Lake, calif.

INFORMATION DISCLOSURE STATEMENT
Commissioner for Patents
Washington, D.C.
20231

Sir:

Attached is a completed form PT0-892 and copies of the pertinent parts of the references cited thereon. Following are comments on these references pursuant to Rule 98:

Smith(#1258358) shows a motor operated by heating bimettalic elements, using pressure to revolve a shaft.

Martin(#2850870) shows bimetallic elements used to heat the working fluid in a Bourdon tube . Flexing this tube is made to revolve a shaft.

LeVan (4004422) shows an apparatus to convert the live loads on roadways to electricity involving the displacement of a working fluid.

Galich (#6376925) shows the same as LeVan with a bladder used as a reservoir for the working fluid.

Honma (JP362284970A) is like Martin but uses a memory alloy in place of a bimetallic unit.

Newman (application#10/263,451) uses the live load of ocean wave energy to drive an electric generator using a Bourdon tube.

Smith, Martin and Honma use heat to drive their inventions, while LeVan and Galich use methods that displace the working fluid. None of the references use the live loads produced by other than ocean waves to drive electrical generators using Bourdon tubes.

Very Respectfully,

Edwin Newman

Edwin Newman



DISCLOSURE DOCUMENT NO.



545543

RETAINED FOR 2 YEARS
THIS IS NOT A PATENT APPLICATION
PTO-1652 (8/99)

DISCLOSURE DOCUMENT REQUEST

Inventor: Edwin Newman

Title of Invention: Energy from live loads on a roadway.

Enclosed is a disclosure of the above titled invention consisting of 1 sheet of description and drawings. A check in the amount of \$10. is enclosed to cover the fee.

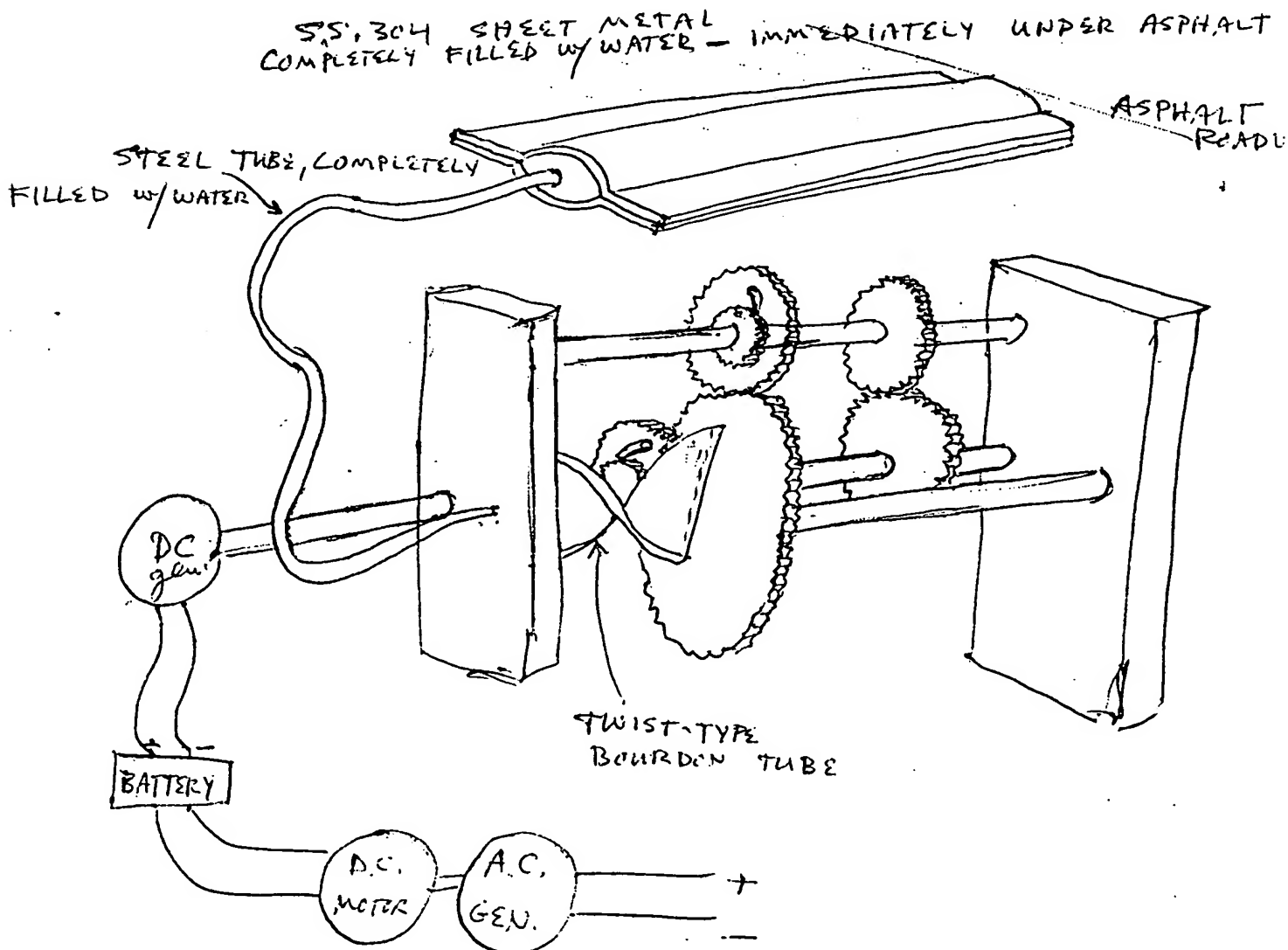
The undersigned being named the inventor of the disclosed invention, requests the enclosed papers be accepted under the Document Disclosure Program, and that they be preserved for a period of two years.

Edwin Newman
Signature of Inventor

Address:

Edwin Newman
Typed Name
Date: Jan. 20, 2004

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VARYING PRESSURE ON ROADWAY OPERATES D.C. GEN.

FORM PTO-892 (REV. 3-78)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO.	GROUP/ART/UNIT	ATTACHMENT TO PAPER NUMBER		
NOTICE OF REFERENCES CITED				APPLICANT(S) Edwin Newman				
U.S. PATENT DOCUMENTS								
•	DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE		
A	1258358	3/5/1918	Smith	810	307	9/5/16		
B	2850870	9/9/58	Martin	810	307	7/25/52		
C	4004422	1/25/77	LeVan	6020	555	4/14/75		
D	6376825	4/23/02	Gatich	29060	1898	8/8/00		
E	10/268,451	n/a	Newman	290	54	10/3/02		
F								
G								
H								
I								
J								
K								
FOREIGN PATENT DOCUMENTS								
•	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB- CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
L	JP52284970	12/10/87	Japan	Honma	F03G	007/06		
M								
N								
O								
P								
Q								
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
R								
S								
T								
U								
EXAMINER		DATE						
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05 (a).)								

Fig. 18